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ATTORNEY DOCKET NO. 10020699-1

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Marvin Glenn Wong, et al.

Serial No.: 10/629,271

Examiner: Craig Thompson

Filing Date: July 29, 2003

Group Art Unit: 2813

Title: INTEGRATED CIRCUIT SUBSTRATE MATERIAL AND METHOD

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond  
☐ New fee as calculated below ☐ Supplemental Declaration  
☒ No additional fee (Address envelope to "Mail Stop Amendments")  
☐ Other: (Fee \$\_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	23	MINUS	23	= 0	X 50	\$ 0
INDEP. CLAIMS	1	MINUS	3	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1590.00 <input type="checkbox"/>		\$ 0
OTHER FEES						\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Marvin Glenn Wong, et al.

By

*James A. Sheridan*  
James A. Sheridan  
Attorney/Agent for Applicant(s) 7/26/05

I hereby certify that this correspondence is being Deposited with the United States Postal Service as First class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: July 26, 2005

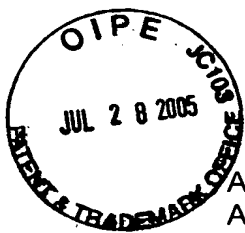
Typed Name: James A. Sheridan

Signature: *James A. Sheridan*  
7/26/05

Reg. No. 43,114

Date: July 26, 2005

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/629,271 Confirmation No. 5689  
Applicant : Marvin Glenn Wong et al.  
Filed : 07/29/2003  
TC/A.U. : 2813  
Examiner : Craig Thompson  
  
Docket No. : 10020699-1

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE**

Sir:

This is in response to the Office Action of July 11, 2005.

Claims 24-46 are now pending in the above-identified patent application.

**Restriction Of Claims 25-41, 43 and 44 Under 35 U.S.C. 121**

Claims 25-41, 43 and 44 stand subject to a restriction requirement under 35 USC 121 as follows:

Species 1 - Claims 25-30, drawn to a semiconductor substrate material comprising a multitude of hollow microspheres, each one of the multitude of hollow microspheres having an inner layer and an outer layer, the inner layer comprising a first material, the outer layer comprising a second material, and the first material and the second material differing from one another, wherein the multitude of hollow microspheres comprises a multitude of gas filled ceramic microspheres;

Species 2 - Claims 31-36, drawn to a semiconductor substrate material comprising a multitude of hollow microspheres, each one of the multitude of hollow